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**Key:** IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, IEE CNF = IEE Conference, IEEE STD = IEEE Standard

**1. Map-based navigation for a mobile robot with omnidirectional image sensor  
COPIS**

Yagi, Y.; Nishizawa, Y.; Yachida, M.;  
Robotics and Automation, IEEE Transactions on  
Volume 11, Issue 5, Oct. 1995 Page(s):634 - 648  
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**2. Visual servoing for large camera displacements**

Chesi, G.; Vicino, A.;  
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Volume 20, Issue 4, Aug. 2004 Page(s):724 - 735  
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**3. Determining robot location by cylindrical object shapes**

Lee, J.-D.; Chen, C.-H.; Lee, J.-Y.; You, Y.-C.;  
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Volume 28, Issue 11, 21 May 1992 Page(s):1044 - 1045  
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**4. Three dimensional object location in the eye-on-hand robot system**

Zhixiang Xu; Wei Sun;  
Systems, Man, and Cybernetics, 1997. 'Computational Cybernetics and  
Simulation', 1997 IEEE International Conference on  
Volume 2, 12-15 Oct. 1997 Page(s):1235 - 1238 vol.2  
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**5. "Where are you driving to?" Heading direction for a mobile robot from  
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Dev, A.; Krose, B.J.A.; Groen, F.C.A.;  
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**6. Incremental map building using an occupancy grid for an autonomous  
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**7. Hybrid Motion Control and Planning Strategies for Visual Servoing**

Lingfeng Deng; Janabi-Sharifi, F.; Wilson, W.J.;  
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**8. Immersive interface for teleoperation**

Drews, P.; Krause, C.;  
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Volume 1, 31 Aug.-4 Sept. 1998 Page(s):87 - 91 vol.1  
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**9. Estimating location and avoiding collision against unknown obstacles for the mobile robot using omnidirectional image sensor COPIS**

Yagi, Y.; Nishizawa, Y.; Yachida, M.;  
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**10. Vision-based robot localization without explicit object models**

Dudek, G.; Zhang, C.;  
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**11. Integrating visual feedback and force feedback in 3-D collision avoidance for a dual-arm humanoid robot**

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Volume 4, 11-14 Oct. 1998 Page(s):3406 - 3411 vol.4  
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**13. Setpoint regulation of continuum robots using a fixed camera**

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- 17. Agent-based telerobotics using multi-sensor fusion**  
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- 18. Detection and handling of moving objects**  
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- 21. Path planning with target finding by single camera under map uncertainty**  
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- 23. Real-time obstacle avoidance using central flow divergence, and peripheral flow**  
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- 24. Reactive navigation in dynamic environment using a multisensor predictor**  
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- 25. Miniaturized smart cameras for 3D-imaging in real-time [mobile robot applications]**  
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